

US LHC Accelerator Project		Baseline Change Request
BCR Number	57	
WBS	1.1.3 DFBX	
Title	DFBX Milestones	
Change Control Level	2	
Originator	J. Strait	
Date	27 August 2003	

Description of change

BCR 51 updated the baseline fabrication plan for the cryogenic feedboxes. This BCR updates the relevant level 2 and level 3 milestones to correspond to the new BCR 51 fabrication baseline.

The current and proposed new milestones are shown in Table I. The new level 3 milestones correspond to the shipping dates agreed upon by DFBX vendor, and range from 47 days (IR2 right, IR5 left, IR5 right) to 73 days (IR8 left) before the existing level 2 milestones for delivery to CERN.

The definitions of the current and proposed new milestones are shown in Table II. "Ready to ship" is defined as completing all the pre-shipment steps in the Acceptance Specification.

Table I. Current and proposed new milestones and baseline dates.

<i>Milestone No.</i>		<i>Current Baseline</i>	<i>New Baseline</i>
2-1.1-12	Complete inner triplet feedbox fabrication	1 May 2002	31 Aug 2005
3-1.1.3-9	IR1 and IR5 DFBXs ready to ship	1 Sep 2001	(deleted)
3-1.1.3-9a	IR1 Left DFBX ready to ship		15 Dec 2004
3-1.1.3-9b	IR1 Right DFBX ready to ship		12 Jun 2005
3-1.1.3-9c	IR5 Left DFBX ready to ship		15 Jul 2005
3-1.1.3-9d	IR5 Right DFBX ready to ship		15 Jul 2005
3-1.1.3-10	IR2 and IR8 DFBXs ready to ship	1 Feb 2002	(deleted)
3-1.1.3-10a	IR8 Left DFBX ready to ship		1 Jun 2004
3-1.1.3-10b	IR2 Right DFBX ready to ship		15 Aug 2004
3-1.1.3-10c	IR8 Right DFBX ready to ship		15 Dec 2004
3-1.1.3-10d	IR2 Left DFBX ready to ship		12 Jun 2005

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Table II. Current and proposed new milestone definitions.

<i>Milestone No.</i>	<i>Title</i>	<i>Milestone Definition</i>
2-1.1-12	Complete inner triplet feedbox fabrication	Current Definition: Fabrication documentation including tests, QC and Engineering Specification File for feedboxes complete.
		New Definition: Fabrication documentation for all DFBX complete <i>through those required by LBNL Specification M 989 steps 1-3.</i>
Deleted Milestones		
3-1.1.3-9	IR1 and IR5 DFBXs ready to ship	Fabrication documentation including tests, QC and Engineering Specification File for IR1 and IR5 DFBXs completed.
3-1.1.3-10	IR2 and IR8 DFBXs ready to ship	Fabrication documentation including tests, QC and Engineering Specification File for IR2 and IR8 DFBXs completed.
New Milestones		
3-1.1.3-9a	IR1 Left DFBX ready to ship	Fabrication documentation IR1 Left DFBX complete <i>through those required by LBNL Specification M 989 steps 1-3.</i>
3-1.1.3-9b	IR1 Right DFBX ready to ship	Fabrication documentation IR1 Right DFBX complete <i>through those required by LBNL Specification M 989 steps 1-3.</i>
3-1.1.3-9c	IR5 Left DFBX ready to ship	Fabrication documentation IR5 Left DFBX complete <i>through those required by LBNL Specification M 989 steps 1-3.</i>
3-1.1.3-9d	IR5 Right DFBX ready to ship	Fabrication documentation IR5 Right DFBX complete <i>through those required by LBNL Specification M 989 steps 1-3.</i>
3-1.1.3-10a	IR8 Left DFBX ready to ship	Fabrication documentation IR8 Left DFBX complete <i>through those required by LBNL Specification M 989 steps 1-3.</i>
3-1.1.3-10b	IR2 Right DFBX ready to ship	Fabrication documentation IR2 Right DFBX complete <i>through those required by LBNL Specification M 989 steps 1-3.</i>
3-1.1.3-10c	IR8 Right DFBX ready to ship	Fabrication documentation IR8 Right DFBX complete <i>through those required by LBNL Specification M 989 steps 1-3.</i>
3-1.1.3-10d	IR2 Left DFBX ready to ship	Fabrication documentation IR2 Left DFBX complete <i>through those required by LBNL Specification M 989 steps 1-3.</i>

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Reason for change

The fabrication plan and schedule has been updated in BCR 51.

Impact on other sub-systems

None.

Impact on cost

None

Impact on schedule

This sets the milestones to be consistent with the schedule approved in BCR 51.

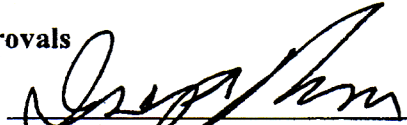
Other impacts (ES&H, etc.)

None.

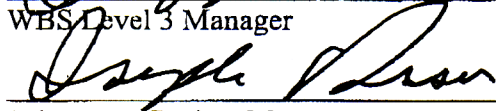
Change Control Board recommendation (if required)

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Approvals


 WBS Level 3 Manager

9/12/03
 Date


 Laboratory Project Manager

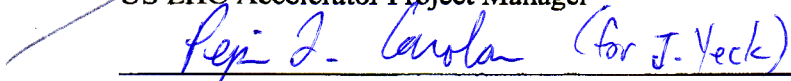
9/12/03
 Date


 Change Control Board Chair

9/12/03
 Date


 US LHC Accelerator Project Manager

9/12/03
 Date


 DOE LHC Project Manager

9/12/03
 Date

 Director, DOE Division of High Energy Physics

 Date